

AD _____

Award Number: W81XWH-12-1-0083

TITLE: "The Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL)
Program: Creating Opportunities for Minority HBCU Students"

PRINCIPAL INVESTIGATOR:

Folakemi T. Odedina, PhD
Professor, College of Pharmacy and College of Medicine
Associate Director, UF Health Cancer Center
University of Florida

CONTRACTING ORGANIZATION:

University of Florida
219 Grinter Hall
P.O. Box 115500
Gainesville, FL 32611-5500

REPORT DATE: March, 2014

TYPE OF REPORT: Annual Summary

PREPARED FOR: U.S. Army Medical Research and Materiel Command

Fort Detrick, Maryland 21702-5012

DISTRIBUTION STATEMENT: Approved for Public Release;

Distribution Unlimited

The views, opinions and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision unless so designated by other documentation.

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.					
1. REPORT DATE March 2014		2. REPORT TYPE AnnualSummary		3. DATES COVERED 15 February 2013 – 14 February 2014	
"The Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program: Creating Opportunities for Minority HBCU Students"		5a. CONTRACT NUMBER W81XWH-12-1-0083			
		5b. GRANT NUMBER W81XWH-12-1-0083			
		5c. PROGRAM ELEMENT NUMBER			
6. AUTHOR(S) Folakemi T. Odedina, PhD		5d. PROJECT NUMBER			
		5e. TASK NUMBER			
		5f. WORK UNIT NUMBER			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) University of Florida 219 Grinter Hall P.O. Box 115500 Gainesville, FL 32611-5500		8. PERFORMING ORGANIZATION REPORT NUMBER			
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Medical Research and Materiel Command Fort Detrick, Maryland 21702-5012		10. SPONSOR/MONITOR'S ACRONYM(S)			
		11. SPONSOR/MONITOR'S REPORT NUMBER(S)			
12. DISTRIBUTION / AVAILABILITY STATEMENT √ Approved for public release; distribution unlimited					
13. SUPPLEMENTARY NOTES Reports contain Appendix materials and color photos.					
14. ABSTRACT (Maximum 200 Words) (abstract should contain no proprietary or confidential information) This research training program proposes to create opportunities and promote prostate cancer (CaP) research careers for minority HBCU students through the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program. Within this reporting period, 13 minority students applied to participate in the ReTOOL program and five students were accepted in 2013. The students participated in didactic and experiential CaP research training from May 10 – August 3, 2013 within the scientific environment of the University of Florida (UF) Health Cancer Center. The training program ended on August 2 nd with the ReTOOL Annual Research Showcase, which included poster and oral presentations by the ReTOOL students. The scientific achievements for this reporting period included: presentations, publications in press, extramural grant submissions based on the ReTOOL program and award. A total of 10 students have participated in the program. Currently, we are interviewing to bring back one more student for the 2014 research training program.					
15. SUBJECT TERMS Prostate Cancer, African American students, Research Training program, Minority students					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			USAMRMC
U	U	U	UU	73	19b. TELEPHONE NUMBER (include area code)

Table of Contents

	<u>Page</u>
Introduction.....	4
Body.....	4
Key Research Accomplishments.....	12
Reportable Outcomes.....	13
Conclusion.....	16
References.....	17
Appendices.....	18

I. INTRODUCTION

There is a need to develop a cadre of racially and ethnically diverse, well-trained scientists to: (1) increase the capacity for scientific research among underserved populations; (2) address cultural appropriateness of the conceptualization, design and implementation of research ideas; (3) effectively and respectfully deliver health care interventions for diverse populations; and (4) eliminate health disparities. To achieve our long-term goal of increasing the pool of minority prostate cancer (CaP) researchers, the primary objective of this program is to develop, promote and sustain an independent, competitive CaP research training program that creates opportunities and promotes careers in CaP research for minority HBCU students through the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program. For the reporting period of February 15, 2013 to February 14, 2014, five minority students from Florida A&M University (FAMU) were trained by UF scientists within the scientific environment of the University of Florida (UF) Health Cancer Center. Ten FAMU students have been trained so far under the ReTOOL Program.

II. BODY

The primary aims for this program are:

- Specific Aim 1: Support the research training of five FAMU undergraduate students annually for two years within the scientific environment of the UF Health Cancer Center.
- Specific Aim 2. Provide continuous career development support for 10 FAMU students for the purpose of creating opportunities and fostering careers focused on eliminating CaP disparities.

A summary of the activities for this reporting period are summarized next.

II.a. ReTOOL Research Training Program (Specific Aim 1)

Three tasks were outlined to achieve the first aim of supporting the research training of FAMU undergraduate students. All the three tasks outlined were accomplished for this reporting period. The ReTOOL program is housed in the UF Health Cancer Center.

Task 1. Trainee Recruitment: The recruitment of trainees for the 2013 ReTOOL cohort took place between November 2012 and March 2013. First, the 2013 ReTOOL information flyer (see Appendix I), and program application materials (see Appendix II) were finalized in November 2013. Subsequently, the program promotional materials, application materials, and summary expertise of mentors were updated on the ReTOOL program website (<http://retool.cop.ufl.edu/>). The program was then promoted at FAMU through the FAMUINFO e-mail service, FAMU TV, FAMU Radio, mailings and posters to relevant disciplines, and direct e-mails to potential applicants. Dr. Renee Reams (FAMU faculty advisor) also conducted personal recruitment of outstanding students through several programs, including the FAMU Student Research Forum. The annual ReTOOL program workshop was held at FAMU in January. The workshop involved several classroom sessions throughout the College of Arts and Sciences and was structured to allow students to have their questions answered directly by Dr. Reams.

Task 2. Selection of Trainees: The ReTOOL application for the 2013 cohort was due on January 11, 2013. Thirteen (13) completed applications were received. Table 1 provides a list of the race, academic year, discipline, GPA and research interest of the 2013 applicants. Following the review of student applications by all program key personnel, each mentor selected up to three students to interview as a potential mentee match. A steering committee comprising the program Director (Dr. Odedina), program manager (Ms. Pressey), FAMU faculty advisor (Dr. Reams) and a UF mentor interviewed each applicant selected for interview. Using the ReTOOL student interview evaluation form (see Appendix III), all interviewers evaluated each student interviewed and forwarded their evaluation to each mentor. The UF mentors selected the candidate they would like to work with and the program Director (Dr. Odedina) notified the successful applicants on March 22, 2013. The names, race, academic year, discipline, GPA, research interest and mentor of the 2013 cohort are provided in Table 2.

Table 1. 2013 ReTOOL Applicants				
Race	Academic Year	Discipline	GPA	Research Interest
Black	Sophomore	Biology	3.61	Biomedical Sciences
Black	Junior	Biology	3.6	Clinical Sciences
Black	Junior	Pharmacy	3.33	Basic Sciences
Black	Senior	Biology	3.4	Clinical Sciences
Black	Junior	Biology	3.1	Biomedical Sciences
Black	Sophomore	Biology	3.63	Biomedical Sciences
Black	Junior	Health Sciences	3.81	Clinical Sciences
Black	Sophomore	Political Science	2.1	Population Sciences
Black	Sophomore	Biology	3.78	Biomedical Sciences
Black	Sophomore	Biology	3.60	Clinical Sciences
Black	Junior	Biology	3.0	Population Sciences
Black	Sophomore	Biology	3.83	Biomedical Sciences
Black	Sophomore	Biology	3.68	Population Sciences

Table 2. 2013 ReTOOL Mentees						
Name	Race	Academic Year	Discipline	GPA	Research Interest	UF Mentor
Michael Dumas	Black	Sophomore	Biology	3.60	Clinical Sciences	Dr. Philipp Dahm
Cassie Hobbs	Black	Sophomore	Biology	3.78	Biomedical Sciences	Dr. Yehia Daaka
Decoria McCauley	Black	Sophomore	Biology	3.63	Biomedical Sciences	Dr. Nancy Hardt
Olivia Moline	Black	Junior	Biology	3.0	Population Sciences	Dr. Folakemi Odedina
Allika Williams	Black	Sophomore	Biology	3.83	Biomedical Sciences	Dr. Walter O'Dell

Task 3. Career Development and Summer Research Training Program at UF: To orient the students to the ReTOOL program, an orientation packet (see Appendix IV) was sent to all successful applicants on April 10, 2013. The students were required to acknowledge receipt of the orientation package by signing an acknowledgement form due to the program manager prior to arriving at UF on May 10, 2013. The 2013 ReTOOL program calendar is provided in Table 3 below.

Table 3. ReTOOL Summer 2013 Program Calendar	
May 10, 2013	Official ReTOOL Starting Date - Students Resume at Diamond/Tanglewood Village, UF
May 13, 2013	ReTOOL Program Orientation <i>** Tour of the UF Cancer Center, Health Sciences library, and other UF resources; Obtain ID badges and parking permits; Tour of the Gainesville community.</i>
May 14–16, 2013	ReTOOL Didactic Training <i>** See ReTOOL class schedule.</i>
May 16, 2013	ReTOOL Exam (Begins at 1:00pm)
May 17, 2013	ReTOOL Program Welcome Reception (8 – 10am) Key Note: Yehia Daaka, PhD <i>*** Individual meetings with mentors</i>
May 20 – June 28, 2013	Experiential Training with ReTOOL Faculty Mentor (students resume to lab) Weekly Community Outreach Experiences with HealthStreet
July 1 – 5, 2013	ReTOOL Summer Break – No ReTOOL program activities
July 12 – 26, 2012	Experiential Training with ReTOOL Faculty Mentor (students resume to lab) Weekly Community Outreach Experiences with HealthStreet
August 2, 2013	Program ReTOOL Annual Research Award Ceremony

The 2013 ReTOOL trainees arrived at UF on May 10, 2013 and were met by Ms. Pressey (program manager) who checked them into their on-campus housing units.

The program orientation for the ReTOOL program was conducted by Ms Pressey (program manager) on May 13th, and included:

1. Tour of the UF Cancer Center, the Health Sciences library, and other UF resources;
2. Face-to-face meeting with mentor;
3. Obtaining UF ID badges and parking permits; and
4. Tour of the Gainesville community, including shopping malls and supermarkets.

The ReTOOL didactic training program was held from May 14-16, 2014. (see Table 4 for a summary of the classes). On May 16th, all ReTOOL students were required to take a comprehensive exam comprising two sections: a general section for all students and a specialized section tailored to the research area of each student. The exam was developed from questions submitted by all mentors. All students were required to pass the exam (70% minimum) prior to

starting the experiential training. All the students passed the exam on first trial. Following the didactic training program, a Welcome Reception attended by mentors and students was held on May 17, 2013 (see Appendix VI for the agenda).

Table 4. ReTOOL Didactic Training Program Schedule			
	Tuesday, May 14, 2013	Wednesday, May 15, 2013	Thursday, May 16, 2013
8:00-9:00am	Molecular Prostate Cancer Biology and Basic Sciences Principles Dr. Yehia Daaka CGRC Room 391	Cultural Competency Workshops UF CC Program HPNP Room G-105	Establishing and Maintaining a Successful Mentor-Mentee Relationship Dr. Folakemi Odedina & Dr. Phillip Dahm HPNP Room G-108
9:00 – 10:00am			
10:00-11:00am	Prostate Cancer: Epidemiology, Diagnostic Evaluation and Treatment Dr. Philipp Dahm CGRC Room 391	Disparities in Health in America Dr. Folakemi Odedina HPNP Room G-105	
11:00-12:00noon			
12:00-1:00pm	Lunch Break		
1:00-2:00pm	Journal Club: ReTOOL Tool Box – Shannon Pressey, MS CGRC Room 491	Socio-psychological Factors Related to Prostate Cancer Dr. Folakemi Odedina HPNP Room G-105	ReTOOL Exam HPNP Room G-108
2:00-3:00pm			
3:00-4:00pm	Imaging in Prostate Cancer Radiation Therapy Mentor: Dr. Walter O’Dell CGRC Room 491	Ethical Issues in Research – Shannon Pressey, MS HPNP Room G-105	
4:00-5:00pm			

The experiential training of the ReTOOL program began on May 20 and ended on July 26. The students' experiences with their mentors included: Structured one-on-one mentoring; Independent reading; Hands-on research experiences; Research and educational meetings; Scientific writing and research dissemination; and Interactions with established scientists, networking, and peer linkages. In addition, the students participated in weekly research seminars (see Table 5). During the seminar, the students had a chance to interact one-on-one with leading cancer scientists and community leaders. In addition, they presented and received feedback on their summer research projects.

A unique characteristic of the ReTOOL program is the required community engagement and outreach activities component. The students participated in weekly community outreach

activities through: (1) the University of Florida Mobile Health Clinic under the supervision of Dr. Nancy Hardt; and (2) the University of Florida HealthStreet program under the supervision of Dr. Linda Cottler. HealthStreet is a community-based effort that works every day to reduce disparities in healthcare and research by linking the medically underserved to medical and social services and opportunities to participate in research. The students also volunteered at the Florida *Africa American Men's Health Summit* in Orlando, Florida on Saturday, June 15, 2013. This annual summit focuses on prostate cancer education and workshop and was attended by over 3,000 Black men. Finally, the ReTOOL trainees participated in the *Man Up for Health* program, which took place on Saturday, June 22, 2013 at the Florida State College in Jacksonville, Florida. The community outreach activities at these events included health education, dissemination of educational brochures, and program evaluation for the health events. In addition, two of the ReTOOL students conducted IRB-approved community engagement research at the forums, collecting data from Black men for their projects.

Table 5. ReTOOL Program Weekly Seminar Schedule		
Date	Topic	Speaker
May 17	Tour of Health Science Library Facilities (C2-41c)	Rae Jesano MSLS, AHIP
May 24	Literature Search Strategies	Rae Jesano MSLS, AHIP
May 31	Prostate Cancer Advocacy	Mr. Samuel Gaddy
June 7	Overview of Oncology	Thomas J. George, Jr., MD, FACP
June 14*	Scientific Writing and Publications	Earlene Lipowski, PhD
June 28	Community Engagement	Linda B. Cottler, PhD, MPH
July 6: ReTOOL Summer Break		
July 12	GRE & MCAT Tips Student Presentation	Shannon Pressey, MS Michael Dumas (student)
July 19	Student Presentation Student Presentation	DeCoria McCauley (student) Allika Williams (student)
July 26	Student Presentation Student Presentation	Cassie Hobbs (student) Olivia Moline (student)

The ReTOOL on-site training program ended on Friday, August 2nd with the ReTOOL Annual Research Showcase (see Appendix VII for the announcement flier). The research showcase program is provided in Table 6 below. The research projects presented by the students are summarized in Table 7. The students' poster and oral presentations were judged by:

1. Dr. Fredric Kaye, Professor and Director of the University of Florida Lung Cancer Center;
2. Dr. Olorunseun Ogunwobi, Postdoctoral Fellow in Cancer Biology in the Department of Pathology, Immunology and Laboratory Medicine of the University of Florida; and
3. Dr. Richard Segal, Chairperson of the University of Florida Department of Pharmaceutical Policy and Outcomes.

The ReTOOL Award Ceremony was very well attended by University of Florida faculty and students as well as the family members of the ReTOOL trainees. The FAMU faculty advisor (Dr. Renee Reams) also attended the Research Showcase and Award Ceremony. The 2013 Research Showcase 1st place winner was Ms. Cassie Hobbs and the 2nd place winner was Mr. Michael Dumas. A copy of the plaques received by the students is provided in Appendix VIII.

To document their last two weeks experiences, each of the ReTOOL students were provided with a disposable camera and instructed to conduct a PhotoVoice narrative of their last two weeks in the program. The narratives of the students are provided in Appendix IX.

Table 6. ReTOOL Program Research Showcase Program		
DOD Prostate Cancer Research Program Award W81XWH-12-1-0083		
ReTOOL Program Research Showcase		
Friday, August 2, 2013		
8:00am - 9:00am	Students Report to Display Posters HPNP Building, Atrium Area	
9:00am – 11:00am	Judges May Begin Evaluating Posters (Students must be present by their poster at all times)	
11:00am – 11:30am	Poster Removal	
11:30am – 12:30pm	Lunch Served in the Atrium Area, HPNP Building	
1:00pm – 2:15pm	Oral Presentations – HPNP Building Room G316 [10 mins presentation followed by 5 mins Q&A]	
	1:00pm – 1:10pm	Allika Williams
	1:15pm: - 1:25pm	Olivia Moline
	1:30pm – 1:40pm	DeCoria McCauley
	1:45pm – 2:00pm	Cassie Hobbs
	2:05pm – 2:15pm	Michael Dumas
2:20pm – 2:30pm	Judges Deliberation	
2:30pm	Award Presentation	

Table 7. ReTOOL Students Research Projects		
Student	Research Project Title	Mentor
Michael Dumas	Enrollment of Black Men in Prostate Cancer Randomized Controlled Trials	Dr. Philipp Dahm
Cassie Hobbs	G Protein-Coupled Receptor Kinase 5 (GRK5) Knockdown Sensitizes Prostate Cancer Cells to Docetaxel Treatment	Dr. Yehia Daaka
DeCoria McCauley	The Readability of Patient Education Material Regarding Prostate Cancer	Dr. Nancy Hardt
Olivia Moline	Prostate Cancer Knowledge, Myths and Misconceptions Among Haitian Men	Dr. Folakemi Odedina
Allika Williams	Establishing the Efficacy of Tangible Prostate Phantoms to Improve Screening Compliance of African American Men	Dr. Walter O'Dell

II.b. Continuous Career Development (Specific Aim 2)

The second specific aim for this program is to: *Provide continuous career development support for FAMU students for the purpose of creating opportunities and fostering careers focused on eliminating CaP disparities.* The task outlined to achieve this aim, extended mentorship and trainee tracking, was accomplished for this reporting period.

Task 4. Extended Mentorship and Trainee Tracking: The UF mentors continue to work with their respective mentees for continuous mentoring and to disseminate the scientific findings from their summer research projects as presentations at professional meetings and publications in peer-reviewed journals. Communications between mentors and mentees is facilitated by consistent e-mail correspondents. Since the summer training program, one of the mentees (Michael Dumas) has had face-to-face meeting with Dr. Folakemi Odedina (PI) at FAMU. In addition, the FAMU faculty (Dr. Reams) meets with the students who are currently enrolled at FAMU at least once each semester.

During this reporting period, a baseline student survey (Appendix X) and follow-up survey (Appendix XI) were conducted to evaluate and continuously improve the ReTOOL program. In addition, a mentor follow-up survey (Appendix XII) was conducted for program feedback from the mentors. The program evaluation rating was on a scale of 1 to 5, with 5 being the best. The 2013 ReTOOL program ratings by students and mentors are provided in Tables 8 and 9 respectively. Some of the comments provided by the mentors and mentees are provided in Table 10.

Based on the feedback, two items were noted to have scores lower than 3.5. The first item was the preparatory courses. Only one student had a rating less than 3 for the preparatory courses. The student noted his/her preference in taking preparatory courses only in his/her area of focus rather than broad coverage of preparatory courses. The ReTOOL faculty however strongly feel that it is important for all students to be exposed to preparatory courses covering behavioral science, basic science and clinical science research. Thus, no changes will be made to the preparatory courses. The second item is on community outreach experiences. Two students had a rating of 3 or less for this item. To address this, we have strengthened the structure of the community outreach process at HealthStreet. ReTOOL students will now be posted to the UFHCC Community Cancer Resource Center, a new Center at HealthStreet. The ReTOOL community outreach experiences will be coordinated and supervised by Mr. Sam Gaddy, the Community Director for the UFHCC Cancer Resource Center.

Table 8. Students Ratings of ReTOOL Program**	
Program Evaluation Items	Average Ratings (5 being the Best)
The preparatory courses provided during the program.	3.4
The research training experiences provided by the program.	4.6
Your interactions with your mentor.	5
The quality of the mentoring experiences.	4.8
Overall satisfaction with the training program.	4.2

The quality of the training program.	4.2
My community outreach experiences.	3.2
The ability of the program to prepare me for career in the area of prostate cancer.	4
Communications with ReTOOL program mentor, director or staff.	3.8
The stipend provided for the ReTOOL program.	4.4
**Response rate is 100%.	

Table 9. Mentors Ratings of ReTOOL Program**	
Program Evaluation Items	Average Ratings (5 being the Best)
The preparatory courses provided to students during the program.	3.5
The research training experiences provided to the students.	4.25
Your interactions with your mentee(s).	4.75
The quality of the mentor-mentee relationship.	4.5
Overall satisfaction with your mentee(s).	4.25
The quality of the training program.	3.75
The ability of the program to prepare my mentee(s) for career in the area of prostate cancer.	4
Communications with my mentee(s).	4
**Response rate is 80%.	

Table 10. 2013 ReTOOL Program Mentors' and Mentees' Comments		
	Mentees' Comments	Mentors' Comments
What did you like best about the ReTOOL program and why?	<p>"I loved the faculty-student match up. I was placed in a laboratory setting which coincided perfectly with my interests"</p> <p>"I liked that there were 5 of us and the bonds we made. If I had went somewhere by myself I don't know if I would have enjoyed it as much. I also loved the mentor I was matched with. It was spot on! The stipend was exceptional as well. As a student from out of state, I was able to comfortably pay for my transportation, housing, and living expenses"</p>	<p>"Daily interaction with mentees"</p> <p>"Going to the research presentations at the end."</p> <p>"I got exposure to a very different mind-set about college and for ways for which people (my mentee) are able to apply their interests and opportunities for cancer care and outreach. I imagine that all the mentees got at least some benefit from my different ways of achieving cancer care"</p>
What did you like least about the ReTOOL	"I wish our ReTOOL interaction with the HealthStreet Community Outreach was better coordinated. Not much time	"Students should have more formal classroom education during their stay at UF"

program and why?	was spent doing actual community outreach.”	
How has the ReTOOL program impacted you?	<p>“The ReTOOL Program has gotten me closer to doing what I love (making people happy, saving lives, and giving people hope) than I have ever been before. It has given me experiences that will help me strive toward making groundbreaking research in oncology.”</p> <p>“ReTOOL has definitely opened my eyes to not only a world of research but also a world where health disparities still exist. I was completely unaware of the disparities that existed between African Americans and Caucasians as it relates to prostate cancer, before the program. I am definitely more interested in prostate cancer research than I was before I entered the program.”</p> <p>“ReTOOL impacted my career by showing me that there is more to research than laboratory work. I never took into account public health. I like that my mentor is a physician that is heavily involved in the community and research that affects the public. She does not work in a lab or have a Ph.D. yet she still conducts research.”</p>	“Access to outstanding students.”

Based on the follow-up student survey, the current status of the ReTOOL alumni is summarized in Table 11.

Table 11. Status of ReTOOL Alumni		
Trainee Name	Cohort Year	Status
Michael Dumas	2013	Junior at FAMU
Cassie Hobbs	2013	Junior at FAMU
Decoria McCauley	2013	Junior at FAMU
Olivia Moline	2013	Senior at FAMU
Allika Williams	2013	Junior at FAMU
Stephanie Alexis	2012	Junior at FAMU
Danielle Anderson	2012	Master’s student at FAMU
Tamieka Atkinson	2012	Senior at FAMU
Kacy Flowers	2012	Senior at FAMU
Chloe Martin	2012	Doctoral (PhD) student at Howard University

The UF Survey Research Center will continue to track trainees through bi-annual surveys for five years.

III. KEY RESEARCH ACCOMPLISHMENTS

The key research accomplishments for this reporting period are summarized for each of the specific aims below.

IIIa. Accomplishments for Specific Aim 1.

Specific Aim 1 is to “*Support the research training of five FAMU undergraduate students annually for two years.*” The expected outcomes for this aim are: (1) Establishment of a research training program focused on CaP; (2) 10 FAMU students who are committed to eliminating CaP disparities through research; (3) 10 completed projects by FAMU students under the supervision of UF scientists; (4) Minimum of five peer-reviewed abstracts presented at national/international conferences; (5) Minimum of five peer-reviewed publications; and (6) One community report annually to disseminate findings of trainees to the lay public.

The key research accomplishments for specific aim 1 in this reporting period are:

1. Continuous operations of the ReTOOL research training program (<http://retool.cop.ufl.edu/>).
2. Admission of the 2nd cohort of five ReTOOL students who expressed interest in eliminating CaP disparities through research.
3. The ReTOOL students completed five research projects under the supervision of UF scientists.
4. Sixteen (16) peer-reviewed abstracts presented at national conferences and state symposiums.
5. One completed peer-reviewed publications and three in progress.

III.b. Accomplishments for Specific Aim 2.

Specific Aim 2 is to “*Provide continuous career development support for 10 FAMU students for the purpose of creating opportunities and fostering careers focused on eliminating CaP disparities.*” The expected outcome for this aim is a pipeline of future minority students that will lead to a competitive pool of underrepresented minorities poised to become the next generation of CaP clinicians and/or scientists. The key accomplishment within this reporting period is a cohort of ten underrepresented minorities who received didactic and experiential training in CaP research. Eight (8) students are still enrolled in undergraduate programs and one in a graduate program at FAMU. One student is in a PhD program at Howard University. Four have expressed interest in continuing to conduct CaP research.

IV. REPORTABLE OUTCOMES

The reportable outcomes are summarized for publications, presentations, grant submissions, grants funded and awards below. The ReTOOL students' names are in bold font.

IVa. Peer-Reviewed Publications

Accepted Publication

1. **Odedina FT**, Awoyemi OO, Pressey S, Gaddy S, Egensteiner E, Ojewale EO, **Moline OM**, **Martin CM**. Development and Assessment of an Evidence-Based Prostate Cancer Intervention Program for Black men: The W.O.R.D. on Prostate Cancer Video. Accepted for publication – Forthcoming: E cancer journal (Journal of the European Institute of Oncology).

Publications In Progress

1. **Moline OM**, Awoyemi OO, , Ojewale EO, **Martin CM**, Pressey S, **Odedina FT**. Prostate Cancer Knowledge, Myths and Misconceptions Among Haitian Men. In Progress for submission to the Journal of Immigrant and Minority Health
2. **Martin CM**, Ojewale EO, Awoyemi OO, **Moline OM**, Pressey SA, and Odedina FT. Prostate Cancer Interventions for Black Men: A Status Report. In Progress for submission to the Journal of National Medical Association.
3. Joseph Pugh MD, **Kacy Flowers**, Molly Neuberger, Folakemi Odedina PhD, Scott Gilbert MD and Philipp Dahm MD. Enrollment of Black Men in Prostate Cancer Randomized Controlled Trials. In Progress for submission to the Journal of the National Cancer Institute.

IVb. Presentations / Published Abstracts

1. **Dumas M**. Enrollment of Black Men in Prostate Cancer Randomized Controlled Trials. Oral and poster presented at the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders: Summer Research Training Program at The University of Florida, August 2, 2013. Gainesville, Florida (Mentor: Dr. Philipp Dahm).
2. **Dumas M**. Enrollment of Black Men in Prostate Cancer Randomized Controlled Trials. Poster presented at the 2013 Graduate Feeder Student Research Conference at Florida A&M University, September 2013. Tallahassee, Florida.
3. **Hobbs C**. G Protein-Coupled Receptor Kinase 5 (GRK5) Knockdown Sensitizes Prostate Cancer Cells to Docetaxel Treatment. Accepted for Poster presentation at the 2013 Annual Biomedical Research Conference for Minority Students. November 13-16, 2013; Nashville, Tennessee.
4. **Hobbs C**. G Protein-Coupled Receptor Kinase 5 (GRK5) Knockdown Sensitizes Prostate Cancer Cells to Docetaxel Treatment. Accepted for Poster presentation at the AACR Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. December 6-9, 2013; Atlanta, GA.

5. **Hobbs C.** G Protein-Coupled Receptor Kinase 5 (GRK5) Knockdown Sensitizes Prostate Cancer Cells to Docetaxel Treatment. Oral and poster presented at the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders: Summer Research Training Program at The University of Florida, August 2, 2013. Gainesville, Florida (Mentor: Dr. Yehia Daaka).
6. **Hobbs C.** G Protein-Coupled Receptor Kinase 5 (GRK5) Knockdown Sensitizes Prostate Cancer Cells to Docetaxel Treatment. Poster presented at the 2013 Graduate Feeder Student Research Conference at Florida A&M University, September 2013. Tallahassee, Florida.
7. **McCauley D.** The Readability of Patient Education Material Regarding Prostate Cancer. Abstract accepted for Poster presentation at the AACR Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. December 6-9, 2013; Atlanta, GA.
8. **McCauley D.** The Readability of Patient Education Material Regarding Prostate Cancer. Accepted for Poster presentation at the Poster Presentation at the 2013 Annual Biomedical Research Conference for Minority Students. November 13-16, 2013; Nashville, Tennessee.
9. **McCauley D.** The Readability of Patient Education Material Regarding Prostate Cancer. Oral and poster presented at the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders: Summer Research Training Program at The University of Florida, August 2, 2013. Gainesville, Florida (Mentor: Dr. Nancy Hardt).
10. **McCauley D.** The Readability of Patient Education Material Regarding Prostate Cancer. Poster presented at the 2013 Graduate Feeder Student Research Conference at Florida A&M University, September 2013. Tallahassee, Florida.
11. **Moline O** and Odedina FT. Prostate Cancer Knowledge, Myths and Misconceptions Among Haitian Men. Accepted for Poster presentation at the AACR Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. December 6-9, 2013; Atlanta, GA.
12. **Moline O.** Prostate Cancer Knowledge, Myths and Misconceptions Among Haitian Men. Oral and poster presented at the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders: Summer Research Training Program at The University of Florida, August 2, 2013. Gainesville, Florida (Mentor: Dr. Folakemi Odedina).
13. **Moline, O.** Prostate Cancer Knowledge, Myths and Misconceptions Among Haitian Men. Poster presented at the 2013 Graduate Feeder Student Research Conference at Florida A&M University, September 2013. Tallahassee, Florida.
14. **Williams A,** O'Dell W. Establishing the Efficacy of Tangible Prostate Phantoms to Improve Screening Compliance of African American Men. Oral presentation at the Florida – Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP), Jacksonville, FL, Feb, 13-15, 2014.
15. **Williams A.** Establishing the Efficacy of Tangible Prostate Phantoms to Improve Screening Compliance of African American Men. Oral and poster presented at the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders: Summer Research Training Program at The University of Florida, August 2, 2013. Gainesville, Florida (Mentor: Dr. Walter O'Dell).

16. **Williams A.** Establishing the Efficacy of Tangible Prostate Phantoms to Improve Screening Compliance of African American Men. Poster presented at the 2013 Graduate Feeder Student Research Conference at Florida A&M University, September 2013. Tallahassee, Florida.

IVc. Extramural Grants Submitted

R25 PAR-12-049 (PI: Odedina) 7/01/14– 6/30/19 0.90 calendar
NIH National Cancer Institute (NCI) \$2,101,978.00

Florida Minority Oncology Research Education (MORE) program

The primary objective of is to develop, promote and sustain an independent, competitive cancer-focused research training program focused on laboratory and field settings, the Minority Oncology Research Education (MORE) program.

W81XWH-13-PCRP-STPA (PI: Odedina) 10/01/14– 9/30/16 0.84
calendar

Department of Defense Prostate Cancer Research Program (PCRP) \$198,136.00

The Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program: Creating Opportunities for Minority HBCU Students.

The primary objective is to continue to promote and sustain the Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program, an independent, competitive CaP research training program that creates opportunities and promotes careers in CaP research for minority HBCU students.

IVd. Honors, Awards, and Recognition

1. **Michael Dumas**

- a. 2nd Place Award at the FAMU Student Research Forum, Tallahassee, Florida. October 16, 2013.
- b. 3rd Place Award for the Ernest Everett Just Undergraduate Award for Excellence in Scientific Research. Columbia, South Carolina. February 28, 2014.

2. **Cassie Hobbs**

- a. 1st Place Award at the FAMU Student Research Forum, Tallahassee, Florida. October 16, 2013.
- b. 1st Place Award for the Ernest Everett Just Undergraduate Award for Excellence in Scientific Research. Columbia, South Carolina. February 28, 2014.

3. **DeCoria McCauley**

- a. 3rd Place Award at the FAMU Student Research Forum, Tallahassee, Florida. October 16, 2013.
- b. 3rd Place Award at the Annual Biomedical Research Conference for Minority Students conference held in Nashville, TN. November 13-16, 2013.
- c. President of the Rattler Association of Chemists (RAC), Tallahassee, FL.
- d. Inducted into the Alpha Kappa Mu Honor Society Spring 2014, Tallahassee, FL.

4. **Allika Williams**

- a. President of the FAMU A.N.I.M.E. (Advancing New and Innovative Multicultural Experience) Club, Tallahassee, FL.
- b. Historian and Public Liaison for the FAMU BSO Art Club, Tallahassee, FL.
- c. FGLSAMP in Science Technology Engineering & Mathematics (STEM) Award, Tallahassee, FL.

V. CONCLUSIONS

The primary objective of the UF-FAMU ReTOOL Program is to develop, promote and sustain an independent, competitive CaP research training program that creates opportunities and promotes careers in CaP research for minority HBCU students. Our ultimate goal is to grow the number of underrepresented minority scientists and clinical investigators in higher education and academic leadership. The ReTOOL program was proposed in response to the need for a cadre of racially and ethnically diverse, well-trained cancer scientists in Florida who can: (1) increase the capacity for scientific research focused on underserved populations; (2) address cultural appropriateness of research conceptualization, design and implementation; (3) provide culturally appropriate cancer prevention, screening and treatment strategies to diverse populations; and (4) effectively and respectfully deliver interventions to eliminate cancer disparities.¹⁻³ During this reporting period, *we addressed the following barriers that have been documented in the literature for underrepresented minority scientists to create opportunities and promote careers in cancer research:* lack of committed role models;⁴ inadequate mentoring;⁵ insufficient preparation;⁴ low expectations;⁴ and lack of familiarity with scientific culture and idioms.⁴ These barriers were addressed through didactic training, collaborative research, mentorship, supervised independent reading, mentored grant writing, attendance and participation in conferences, mentored lab-based and community-based research, and career development.

Overall, we are on track to achieve the expected outcomes outlined for the two specific aims proposed for this grant award. Within this reporting period, there were sixteen (16) published abstracts, one peer-reviewed publication; three publications in progress; one grant submission based on the ReTOOL program, and eleven (11) awards achieved.

VI. REFERENCES

1. Institute of Medicine (1999). The unequal burden of cancer: An assessment of NIH research and programs for ethnic minorities and the medically underserved. (MA Haynes & BD Smedley (Eds). National Academy Press, Washington DC.
2. Norris KC, Agodoa LY (2005). The need for health professionals and scientists from underrepresented minority and disadvantaged communities. *Ethn Dis* 15:1–2.
3. Rabionet S, Santiago L, Zorrilla C (2009). A multifaceted mentoring model for minority researchers to address HIV health disparities. *Am J Public Health* 99:S65.
4. Jeste D, Twamley E, Cardenas V, Lebowitz B, Reynolds C III (2009). A call for training the trainers: focus on mentoring to enhance diversity in mental health research. *Am J Public Health* 99:S31
5. Shavers V, Fagan P, Lawrence D et al (2005). Barriers to racial/ethnic minority application and competition for NIH research funding. *J Natl Med Assoc* 97:1063.

APPENDICES

Appendix I	ReTOOL Program Information Brochures and Flyers
Appendix II	ReTOOL Program Application Materials
Appendix III	ReTOOL Student Interview Evaluation Form
Appendix IV	ReTOOL Program Orientation Packet
Appendix V	Pictorial Summary of Student Activities
Appendix VI	Program Agenda for the 2013 ReTOOL Welcome Reception
Appendix VII	Announcement Flier for the ReTOOL Annual Research Showcase
Appendix VIII	Copy of Plaque for the 2013 ReTOOL Program
Appendix IX	Students Photo Voice Assignments for the 2013 ReTOOL Program
Appendix X	ReTOOL Program Student Baseline Survey
Appendix XI	ReTOOL Program Student Follow-up Survey
Appendix XII	ReTOOL Program Mentor Follow-up Survey

APPENDIX I
ReTOOL Program Information Brochures and Flyers



**ATTENTION PHARMACY, NURSING, ALLIED HEALTH, BIOLOGY,
CHEMISTRY, PSYCHOLOGY, & SOCIOLOGY STUDENTS!**



GOT PLANS FOR SUMMER 2013?



**Think the ReTOOL Program!
Paid Summer Cancer Research
Training at UF**



Why the ReTOOL Program?

- Experience the outstanding *Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL)* Program.
- Hands-on summer research training experience at the University of Florida.
- Interact with renowned prostate cancer scientists.
- Career development opportunities.
- **Up to \$6,000 training support (for stipend and living expenses).**

**For More Information, Contact Dr. Renee Reams at
850-561-2672 or renee.reams@famu.edu.**

**The ReTOOL Program is a Prostate Cancer Research Training Program for FAMU
undergraduate students at the University of Florida**

R. Renee Reams, PhD
Faculty Advisor (FAMU)

Folakemi T. Odedina, PhD
Principal Investigator (UF)

APPENDIX II
ReTOOL Program Application Materials

UNIVERSITY OF FLORIDA and FLORIDA A&M UNIVERSITY
Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders

RETOOL PROGRAM APPLICATION
For
2013 Summer Research Training Program

PLEASE SUBMIT ALL APPLICATION MATERIALS TO:

R. Renee Reams, PhD
Room 127 Dyson Bldg
College of Pharmacy & Pharmaceutical Sciences
Florida A& M University
1520 Martin Luther King Jr. Blvd
Tallahassee, FL 32307
Email: renee.reams@famu.edu
Ph: 850-561-2672

Reference “ReTOOL Application” in the subject when submitting via email.

Application Deadline
January 11, 2013

Note that there are FIVE (5) SECTIONS on this application. All sections MUST be completed/addressed prior to the submission of your application.

If you have any questions while completing this application, contact:

Shannon Pressey, MS
Research Programs Coordinator
Pharmaceutical Outcomes and Policy
College of Pharmacy
University of Florida
Gainesville, FL 32610
Office: 727-394-6162
Email: spressey@cop.ufl.edu

All application materials are to be sent in one (1) email to renee.reams@famu.edu by the due date. Incomplete applications WILL BE disqualified.

SECTION 1. BACKGROUND INFORMATION ON STUDENT APPLICANT

Name: _____ Date: _____
(Last) (First) (Middle)

Local Address: _____
(City) (State) (Zip Code)

Telephone Number: (____) _____ E-mail Address: _____

Cell Number: (____) _____

Permanent Address: _____

(City) (State) (Zip Code)

Telephone Number: (____) _____ Date of Birth: _____ Sex: F ____ M ____

Major: _____ Current Cumulative GPA (out of 4.0): _____

Department: _____ College: _____

Academic Year (select one): Freshman ____ Sophomore ____ Junior ____ Senior ____

Anticipated Graduation Date: _____

Citizenship (check one)¹: Citizen ____ Permanent Resident ____ Other ____

Race (check one): Black or African American ____ American Indian or Alaska Native ____

Asian (e.g. Indian, Japanese, Chinese) ____ White/ Caucasian ____

Other (please specify) _____

Are you Hispanic, Latino or of Spanish origin? (check one): Yes ____ No ____

SECTION 2: RESEARCH INTEREST

Area of Research Interest (check one):

Basic Sciences _____

Biomedical Sciences _____

Clinical Sciences _____

¹ Only US Citizens and Permanent Residents are eligible for the ReTOOL Training Program.

SECTION 3. GENERAL ASSESSMENT

In order to make a valid assessment of your individual needs, it is important that you provide frank and honest responses and comments to the following questions. Answer all questions candidly.

1. For the areas listed, indicate whether you feel your abilities are strong (S), average (A), or weak (W).

Writing _____
Science _____

Math _____
Reading _____

2. Summarize the extent of your computer skills below (provide specific examples):

3. Are you comfortable interacting with faculty (indicate Yes or No)? _____

4. Are you comfortable interacting with Fellow students (indicate Yes or No)? _____

5. How would you rate your public speaking skills (indicate whether weak, average, or strong)? _____

6. For the areas listed, indicate whether your abilities are strong (S), average (A), or weak (W).

Getting organized _____
Listening skills _____
Note-taking _____
Memory _____

Time management _____
Research skills _____
Test anxiety _____
Test taking _____

7. Have you ever conducted any research? _____ If yes, briefly describe below:

8. Do you know what is involved in a literature review? If yes, describe your perception of literature review:

9. Do you plan to attend graduate school? _____ If so, what graduate major are you considering?

10. Do you plan to attend medical school? _____

11. Summarize your general strengths and weaknesses below:

SECTION 4. ADDITIONAL REQUIREMENTS FOR STUDENT APPLICANTS (Please attach):

- A. Statement of Purpose (one page): This should include a description of your career goals and objectives, personal attributes and motivations. (Must be Typewritten)
- B. Three (3) letters of recommendation from faculty members who taught you at Florida A&M University and are familiar with your academic potential.
- C. Unofficial copy of your college transcript.
- D. A one-page Self assessment on academic skills, study skills, and time management. (Must be Typewritten)
- E. A one-page description of your Career Interest in Prostate Cancer Research. (Must be Typewritten)

SECTION 5. CERTIFICATION

My signature below indicates that the information given on this application is true and complete to the best of my knowledge.

(Signature)

(Date)

DO NOT WRITE IN THIS SPACE
FILE INFORMATION

Date Received: _____

Date Processed: _____

Date Accepted: _____

Eligibility: _____

Interview Score: _____

Provide any other comments/questions you have about the ReTOOL Training Program below:

ReTOOL Program Application Submission Checklist
(Attach to application)

_____ **Completed Application Form**

_____ **Statement of Purpose**

_____ **Three (3) Sealed Letters of Recommendation**

_____ **Unofficial College Transcript**

_____ **Completed Self Assessment Form**

_____ **Prostate Cancer Career Interest Statement**

SUBMIT ALL APPLICATION MATERIALS TO:

R. Renee Reams, PhD
Room 127 Dyson Bldg
College of Pharmacy & Pharmaceutical Sciences
Florida A& M University
1520 Martin Luther King Jr. Blvd
Tallahassee, FL 32307
Email: renee.reams@famu.edu
Ph: 850-561-2672

Please reference “ReTOOL Application” in the subject line when submitting via email.

Deadline: January 11, 2013

APPENDIX III **ReTOOL Student Interview Evaluation Form**

**The Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program:
Creating Opportunities for Minority HBCU Students**

Student Interview Evaluation Form

Student Name: _____ **Interviewer:** _____

Research Area: _____ **GPA:** _____

	<u>Strong</u>		<u>Good</u>		<u>Needs Improvement</u>
<u>Written Statements</u>					
Personal Statement	5	4	3	2	1
Self Assessment	5	4	3	2	1
Prostate Cancer Interest Statement	5	4	3	2	1
<u>Interview</u>					
Communication: Candidate expresses thoughts clearly in writing and verbally; projects positive manner in all forms of communication; responds diplomatically.	5	4	3	2	1
Problem Solving/ Decision Making: Candidate demonstrates ability to make decisions; involves others as appropriate; demonstrates ability to resolve issues.	5	4	3	2	1
Building Trust: Candidate demonstrates ability to keep commitments and meet deadlines; exhibits integrity and honesty with colleagues and customers; demonstrates ability to be open to views of others; takes responsibility for own actions in a conflict resolution.	5	4	3	2	1
Conflict Resolution: Candidate demonstrates ability to resolve conflict with person directly involved; demonstrates active listening skills; focuses on conflict resolution, not blame.	5	4	3	2	1
Work Experience Rating: Does candidate possess experience directly related to the position?	5	4	3	2	1

APPENDIX IV
ReTOOL Program Orientation Packet



College of Pharmacy
Department of Pharmaceutical Outcomes & Policy

HPNP Building, Room 3334
101 South Newell Drive
PO Box 100496
Gainesville, FL 32610-0496
Phone: (352) 273-6268
Fax: (352) 273-6270

UNIVERSITY OF FLORIDA and FLORIDA A&M UNIVERSITY
Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders
(ReTOOL) Program

Dear Applicant:

Congratulations! We are delighted to inform you that you have been selected to participate as a student mentee in the UF-FAMU Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program. The training program will begin on May 10th and end on August 3rd, 2013. **All ReTOOL students are expected to arrive on UF campus on May 10th, 2013.** I have attached an orientation package for the ReTOOL program for your information and action. Carefully review the information in this package, sign the orientation acknowledgement form (on last page), and submit the signed form to Shannon Pressey by Friday, May 10th, 2013 or upon your arrival on campus.

I look forward to working with you to foster your career training in prostate cancer. If you have any questions prior to meeting you on May 3rd, feel free to call me at 727-394-6162 or send an email to spressey@cop.ufl.edu.

Sincerely,

A handwritten signature in black ink, appearing to read "Shannon Pressey".

Shannon Pressey, MS
Program Manager – UF-FAMU ReTOOL Training Program
Pharmaceutical Outcomes and Policy
College of Pharmacy
University of Florida
Gainesville, FL 32610

Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program:

Orientation Package

ReTOOL Program Background:

The long-term goal of the ReTOOL program is to increase the pool of minority prostate cancer researchers in Florida. The primary objective is to develop, promote and sustain an independent, competitive prostate cancer research training program that creates opportunities and promotes careers in prostate cancer research for minority HBCU students at Florida A&M University.

The Florida ReTOOL program is funded by the Department of Defense (DoD) office of the Congressionally Directed Medical Research Programs (CDMRP).

ReTOOL Program Administration:

Principal Investigator & Program Director Folakemi T. Odedina, PhD Professor, Pharmaceutical Outcomes and Policy, College of Pharmacy Department of Radiation Oncology, College of Medicine Assoc. Director for Health Disparities, Shands Cancer Center University of Florida Telephone: 727-394-6089 Facsimile: 727-394-6014 Email: fodedina@cop.ufl.edu	Faculty Advisor R. Renee Reams, PhD Professor Of Biochemistry Section Chair, Medicinal Chemistry Section College of Pharmacy & Pharmaceutical Sciences Florida A&M University Tallahassee, Florida 32307 Telephone: 850-561-2672 Facsimile: 850-599-3731 Email: reneereams.famu@gmail.com renee.reams@fam.u.edu
Program Manager Shannon Pressey, MS Research Programs Coordinator Pharmaceutical Outcomes and Policy College of Pharmacy University of Florida Gainesville, FL 32610 Telephone: 727-394-6162 Facsimile: 727-394-6014 Email: spressey@cop.ufl.edu	

ReTOOL Program Policies & Procedures

Attendance:

Students are expected to be present in their training labs, on time, each day. Please work directly with your mentor to establish a schedule for your attendance. If you are unable to attend work due to illness, you should call your mentor as soon as possible and email Ms. Shannon Pressey (spressey@cop.ufl.edu). ReTOOL summer break is from July 1st – 5th, 2013 in observance of the 4th of July holiday.

Dress Code:

Please be mindful that some trainees will be working in environments that may have specific safety regulations as it relates to proper dress code. **Make sure you get the official safety regulations from your mentor.** You are required to adhere to the dress code set by your mentor. In addition, note the policies below:

- You may wear walking (“Bermuda”)-type shorts but not ultra-short athletic (running) shorts or unusually tight shorts (i.e., “Spandex”).
- For women, “tube tops,” “halter tops,” deep-set necklines, and very short, tight skirts should not be worn to class or work. Shirts and blouses must extend to the waistband. Bare midriffs are not acceptable. Please be conscious of the “fit” of your clothes when you are in different positions, e.g., standing vs. leaning over.
- For men, a polo shirt with a collar is preferred.

Please be modest and remain professional at all times. In the laboratories, OSHA regulations prohibit open-toed shoes. For purposes of safety, you must wear closed-toe shoes.

When you participate in any clinical activity (e.g., shadowing, clerkships) and engage in patient care, you must dress in a professional manner. Men should wear a shirt, tie, long pants, belt, socks, and hard-soled shoes (i.e., no tennis shoes). Women should wear comparable attire.

Conduct:

Students are expected to be professional in their dealings with patients, colleagues, faculty and staff and to exhibit caring and compassionate attitudes. Professional behavior is defined as behavior appropriate to the circumstance. ATTITUDES OR BEHAVIORS INCONSISTENT WITH COMPASSIONATE CARE; REFUSAL BY, OR INABILITY OF, THE STUDENT TO PARTICIPATE CONSTRUCTIVELY IN LEARNING; DEROGATORY ATTITUDES OR INAPPROPRIATE BEHAVIORS DIRECTED AT PATIENTS, PEERS, FACULTY OR STAFF; MISUSE OF WRITTEN OR ELECTRONIC PATIENT RECORDS (I.E. ACCESSION OF PATIENT INFORMATION WITHOUT VALID REASON); SUBSTANCE ABUSE; OR OTHER UNPROFESSIONAL CONDUCT **CAN BE GROUNDS FOR DISMISSAL.**

While the following policies have been highlighted please refer to UF’s Student Code of Conduct for additional policies that you must adhere to: <http://www.dso.ufl.edu/sccr/honorcodes/conductcode.php>.

Housing

Female ReTOOL trainees will be residing in Diamond Village. Emory Gardner Diamond Memorial Village was built to house married students and their families who were displaced when Flavel I and II were closed in August 1965. Emory Diamond was President of the University of Florida Student Body (1950-51), Clerk of the Honor Court (1949-50), and Mayor of Flavel Village II (1949).

Facilities:

- 2-story masonry with brick veneer buildings
- Commons building with a manager's office, laundry, recreation/study room
- Playgrounds
- 1-bedroom apartment square footage: 522
- 2-bedroom apartment square footage: 714

Major renovations were completed in 2005 which upgraded this facility to central air and heat as well as modernized the sprinkler and fire alarm systems. The cost of living for rent will be taken from each student's stipend up front; however utilities will be billed on a monthly basis. Parking decals are available on campus at a rate of \$35 per month. Note that decals are needed to park your vehicles at Diamond Village however you are encouraged to utilize public transportation via UF to navigate throughout campus. Decal fees will be taken out of stipends up front as well, if applicable.

Male ReTOOL trainees will be residing in Tanglewood Village. The 208 units were built in two phases: 100 units were completed in 1968, and 108 units were completed in 1971. In addition to a new community center coming soon, Tanglewood features two story buildings with fun playgrounds, a pool and free resident parking.

Tanglewood Village Amenities

- High Speed Internet Access
- Laundry Rooms
- Cable Television
- Water
- Local Phone Service
- Evening Security Patrols
- Recreation Rooms
- Free Parking (Tanglewood Only)

Please visit the following link for housing policies:

<http://www.housing.ufl.edu/reslife/commstandards/communitystandards.pdf>

Stipends

Stipend balance (minus housing, parking, and any other applicable fees) will be disbursed in 3 installments:

- First Disbursement – May 17th, 2013
- Second Disbursement – June 28th, 2013
- Third Disbursement – August 12th, 2013 (Final utility bills and walk-throughs will not be completed until after the summer training program has ended).

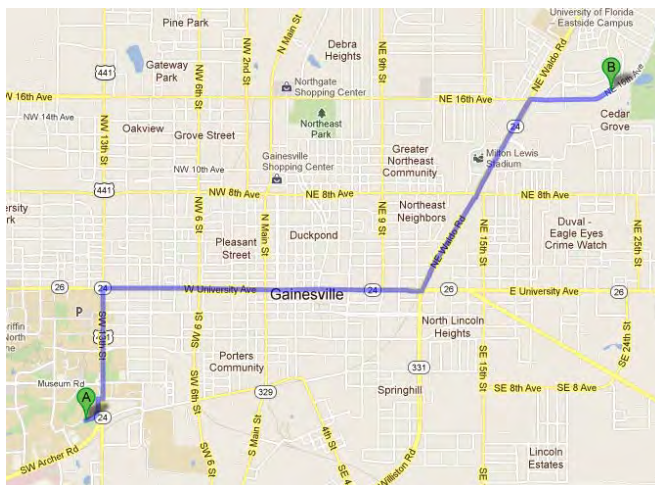
Health Facilities

While ReTOOL Summer Training students will be living and working on UF's campus, they will not be considered UF students. Therefore they are uninsured and will not receive any medical benefits that are included for students who pay

UF tuition. It is recommended that should you have insurance coverage, that you find a local primary care physician or urgent care center that is within your provider network.

If you have an emergency please dial 9-1-1. Should you require less severe medical attention please see facility options below:

University of Florida Shands Eastside Community Practice
410 NE Waldo Road
Gainesville, FL 32641
Phone: Adults (age 18 and above) (352) 265-7015
Pediatrics (ages 17 and under) (352) 265-7017
Fax (352) 265-7021
Hours: 8:00-5:00 Monday – Friday



Parking Decals

Each student that wishes to bring a vehicle may do so and will be provided a parking decal for their apartment complex, however you must have a valid driver's license as well as provide me with the following for your vehicle:

1. Make
2. Model
3. Color
4. Tag #
5. VIN #

*****Forward this information to Shannon Pressey via email, by no later than April 19th, 2013.**

Where to Report:

On May 10th, 2013 **female** students are to report to Diamond Village. Driving directions are below:

Driving directions to Diamond Village Apartments, Gainesville, FL 32603

1. Head north on S Monroe St toward E Pensacola St	0.4 mi
2. Turn right onto E Tennessee St	1.3 mi

3. Continue onto US-90 E/Mahan Dr	6.3 mi
4. Merge onto I-10 E via the ramp to Lake City	87.4 mi
5. Take exit 296A to merge onto I-75 S toward Tampa	47.7 mi
6. Take exit 387 toward Gainesville	0.2 mi
7. Merge onto State Road 26 E	4.9 mi
9. Turn right onto SW 13th St	0.6 mi
10. Turn right onto SW Murphree Way	92 ft
11. Take the 1st left onto Diamond Rd	0.2 mi
Destination will be on the right	
Diamond Village Apartments Gainesville, FL 32603	

On May 10th, 2013 **male** students are to report to Tanglewood Village Apartments. Driving directions are below:

Driving directions to Tanglewood Apartments 2901 SW 13th St Gainesville, FL 32608

1. Head north on S Monroe St toward E Pensacola St	0.4 mi
2. Turn right onto E Tennessee St	1.3 mi
3. Continue onto FL-10 E/US-90 E/Mahan Dr	6.3 mi
4. Merge onto I-10 E via the ramp to Lake City	87.4 mi
5. Take exit 296A to merge onto I-75 S toward Tampa	52.3 mi
6. Take exit 382 for FL-121 N toward Gainesville	0.2 mi
7. Turn left onto FL-121 N/SE Williston Rd Continue to follow SE Williston Rd	2.3 mi
8. Turn left onto US-441 N/SW 13th St Destination will be on the right	

Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program: Creating Opportunities for Minority HBCU Students

**ReTOOL Summer 2013 Program Calendar
May 10 – August 3, 2013**

May 10, 2013	Official ReTOOL Starting Date - Students Resume at Diamond/Tanglewood Village, UF
May 13, 2013	ReTOOL Program Orientation <i>** Tour of the UF Cancer Center, Health Sciences library, and other UF resources; Obtain ID badges and parking permits; Tour of the Gainesville community.</i>
May 14–16, 2013	ReTOOL Didactic Training <i>** See ReTOOL class schedule.</i>
May 16, 2013	ReTOOL Exam (Begins at 1:00pm)
May 17, 2013	ReTOOL Program Welcome Reception (8 – 10am) Key Note: Yehia Daaka, PhD <i>*** Individual meetings with mentors</i>
May 20 – June 28, 2013	Experiential Training with ReTOOL Faculty Mentor (students resume to lab) Weekly Community Outreach Experiences with HealthStreet
July 1 – 5, 2013	ReTOOL Summer Break – No ReTOOL program activities
July 12 – 26, 2013	Experiential Training with ReTOOL Faculty Mentor (students resume to lab) Weekly Community Outreach Experiences with HealthStreet
August 2, 2013	Program ReTOOL Annual Research Award Ceremony <ul style="list-style-type: none">• 9:00am-11:00noon: Poster Presentations by Trainees• 1:00-3:00pm: Podium Presentations & Award Ceremony

Shannon Pressey, MS *** Research Programs Coordinator *** University of Florida

Office: 727-394-6162 *** Email: spressey@cop.ufl.edu

Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL) Program
Didactic Training Program: May 14 – 16, 2013

	Tuesday, May 14, 2013	Wednesday, May 15, 2013	Thursday, May 16, 2013
8:00-9:00am	Molecular Prostate Cancer Biology and Basic Sciences Principles Dr. Yehia Daaka CGRC Room 391	Disparities in Health in America Dr. Folakemi Odedina HPNP Room G-105	Establishing and Maintaining a Successful Mentor-Mentee Relationship Dr. Folakemi Odedina & Dr. Phillip Dahm HPNP Room G-108
9:00 – 10:00am			
10:00-11:00am	Prostate Cancer: Epidemiology, Diagnostic Evaluation and Treatment Dr. Philipp Dahm CGRC Room 391	Cultural Competency Workshops UF CC Program HPNP Room G-105	
11:00-12:00noon			
12:00-1:00pm	Lunch Break		
1:00-2:00pm	Journal Club: ReTOOL Tool Box – Shannon Pressey, MS TBD	Socio-psychological Factors Related to Prostate Cancer Dr. Folakemi Odedina HPNP Room G-105	ReTOOL Exam HPNP Room G-108
2:00-3:00pm			
3:00-4:00pm	Genetic Markers and Polymorphisms in Prostate Cancer Mentor: TBD TBD	Ethical Issues in Research – Shannon Pressey, MS HPNP Room G-105	
4:00-5:00pm			

**Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL)
Program**
Weekly Research Seminar – Fridays at 1:00pm, HPNP Building RM G-201

Date	Topic	Speaker
May 17	Tour of Health Science Library Facilities (C2-41c)	Rae Jesano MSLS, AHIP
May 24	Literature Search Strategies	Rae Jesano MSLS, AHIP
May 31	Prostate Cancer Advocacy	Mr. Samuel Gaddy
June 7	Overview of Oncology	Thomas J. George, Jr., MD, FACP
June 14*	Scientific Writing and Publications	Earlene Lipowski, PhD
June 21	TBA	TBA
June 28	Community Engagement	Linda B. Cottler, PhD, MPH
July 5: ReTOOL Summer Break		
July 12	GRE & MCAT Tips – Shannon Pressey, MS Student Presentation – Michael Dumas	
July 19	Student Presentation – DeCoria McCauley Student Presentation – Allika Williams	
July 26	Student Presentation – Cassie Hobbs Student Presentation – Olivia Moline	

***Seminar on June 14th, 2013 will take place in the College of Pharmacy, RM 2306.**

ReTOOL Training Program

Student Emergency Contact Form

PLEASE PRINT ALL DETAILS CLEARLY

Date: _____

Last Name First Name Middle Name

Home Address:

City State Zip Code Date of Birth

Cell Phone: Area Code ()

Home Telephone: ()

Please list the people you would like to be notified in case of emergency, including a local contact.

IN CASE OF EMERGENCY CONTACT:

(1) Name & Relationship

Street Address City State Zip Code

Telephone () Daytime Phone # ()

(2) Name & Relationship

Street Address City State Zip Code

Telephone () Daytime Phone # ()

(3) Name & Relationship

Street Address City State Zip Code
Telephone (_____) _____ Daytime Phone # (_____) _____

****Please note that you may or may not answer the following questions at your own discretion.****

Are you allergic to anything? Yes / No _____

If yes, please list all allergies.

Are you taking any medication we should be aware of? Yes / No _____

If yes: Please list all medications we should be aware of:

Do you have any medical/mobility/mental health concerns of which we should be aware? Yes / No ____

If yes, please list medical/mobility/mental health concerns that we should be aware of: _____

The information requested on this card is confidential and for emergency use only. In the event of a medical emergency, this information will be used by authorized emergency personnel. Please be honest when completing all pertinent information.

In the case of emergency, I give permission for my information to be released to emergency personnel. I also agree that any of my emergency contacts listed on this card may be notified in an emergency, as needed

Signature & Date: _____ **Name:** _____

ReTOOL Training Program
Orientation Package Acknowledgement Form

I hereby acknowledge the receipt of the ReTOOL Training Program orientation packet. I have carefully reviewed the information contained in this package and fully understand the requirement to adhere to the policies and procedures of the ReTOOL program.

ReTOOL Student Name: _____

ReTOOL Student Signature & Date: _____

ReTOOL Program Manager Name: _____

ReTOOL Program Manager Signature & Date: _____

APPENDIX V
Pictorial Summary of Student Activities





APPENDIX VI
Program Agenda for the 2013 ReTOOL Welcome Reception

Florida Prostate Cancer Research Training Opportunities for Outstanding Leaders (ReTOOL)
Program: Creating Opportunities for Minority HBCU Students

ReTOOL Program Welcome Reception

Friday, May 17, 2013, 8:00 – 10:00am

Host: Shannon Pressey, MS

- 8:00am Welcome – **Ms. Shannon Pressey, ReTOOL Program Manager**
- 8:05am Opening Remarks & ReTOOL Program Overview– **Dr. Folakemi Odedina, PI & Director**
- 8:30am ReTOOL Students Introductions & Research Interests
- Michael Dumas
 - Cassie Hobbs
 - DeCoria McCauley
 - Olivia Moline
 - Allika Williams
- 8:45am ReTOOL Faculty Mentors Introductions & Research Interests
- Dr. Yehia Daaka
 - Dr. Walter O'Dell
 - Dr. Nancy Hardt
 - Dr. Folakemi Odedina
 - Dr. Philipp Dahm
- 9:15am Excelling in Research – **Dr. Yehia Daaka, Professor & Research Director, UFPDC**
- 9:30am Closing Remarks – **Dr. Folakemi Odedina, PI & Program Director**
- 9:35am ReTOOL 2013 Program Photo Shot
- 9:45am Individual ReTOOL Faculty-Student Meetings

HAPPY 2013 RETOOL PROGRAM

APPENDIX VII
Announcement Flier for the ReTOOL Annual Research Showcase

PROSTATE CANCER RESEARCH SHOWCASE

2013 UF-FAMU RETOOL PROGRAM



Research Training Opportunities for Outstanding
Leaders (ReTOOL) Program

Prostate Cancer Research Showcase

Friday, August 2, 2013

9:00 AM—2:00PM

Poster Session: 9AM-11AM, HPNP Building Atrium Area

Oral Presentations: 1PM-2:30PM, HPNP Building Room, G-316

PRESENTERS



**DeCoria
McCauley**



**Cassie
Hobbs**



**Michael
Dumas**



**Olivia
Moline**



**Allika
Williams**

TOPICS

Prostate Education Material

Clinical Trial Representation

Prostate Phantom Efficacy

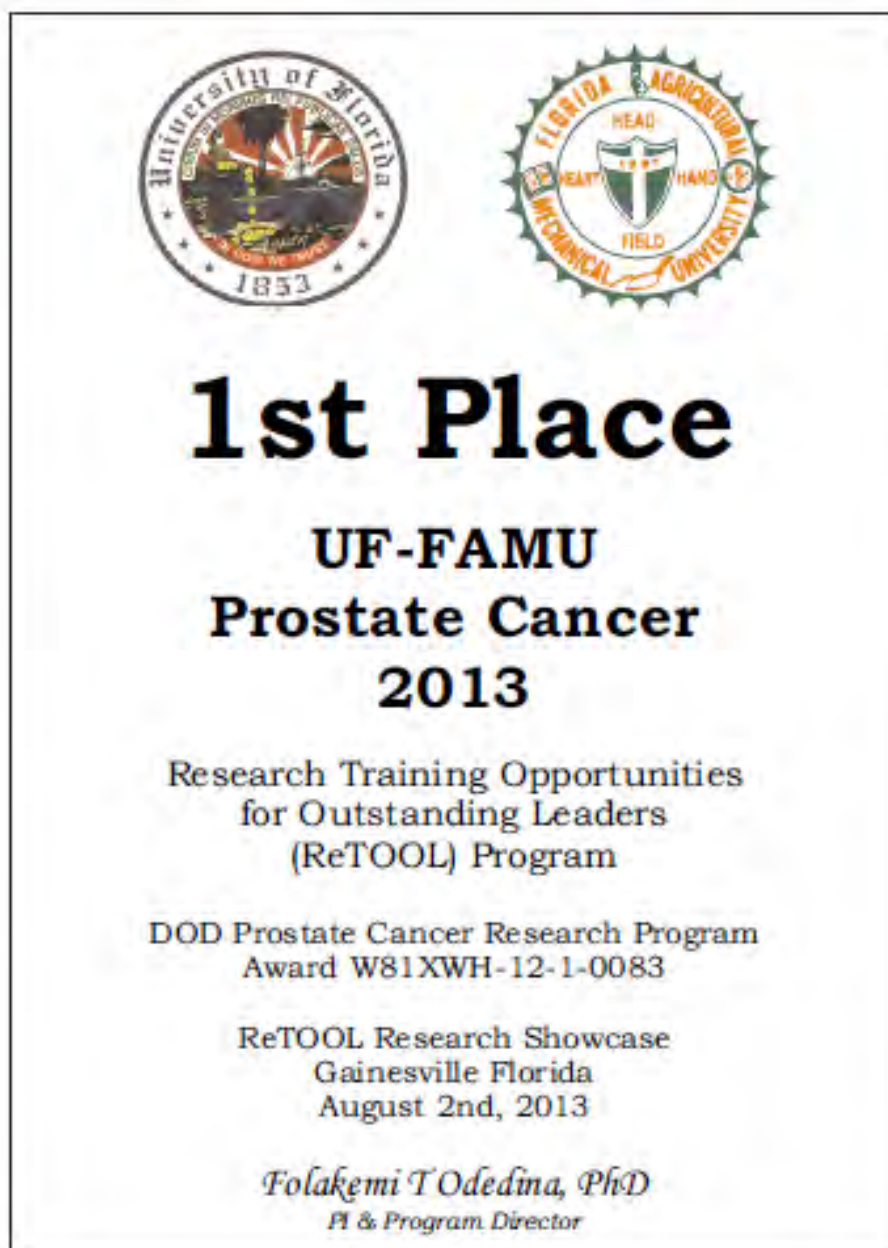
Cancer Cell Sensitization

Prostate Cancer in Haitians

DOD Prostate Cancer Research Program
Award W81XWH-12-1-0083

For additional information please contact: Shannon Pressey, Program Manager
Phone 727-394-6162 or spressey@cop.ufl.edu

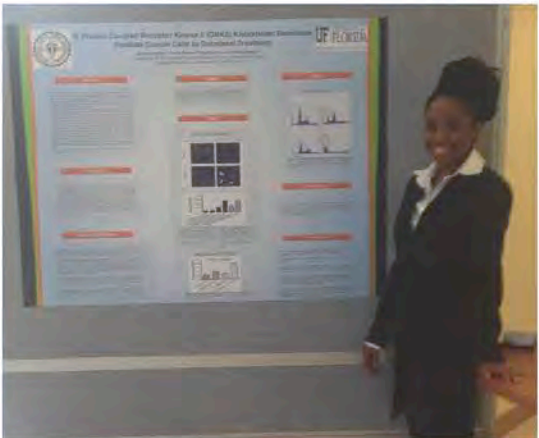
APPENDIX VIII
Copy of Plaque for the 2013 ReTOOL Program



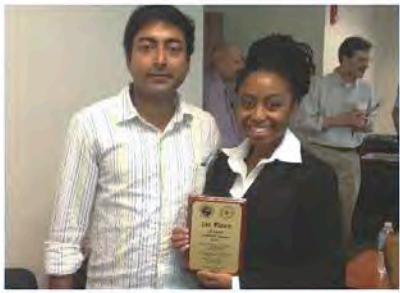
APPENDIX IX
Students Photo Voice Assignments for the 2013 ReTOOL Program

2013 ANNUAL UPDATE AUGUST

CASSIE'S RETOOL EXPERIENCE



FIRST PLACE IN THE ORAL AND POSTER PRESENTATION EXPOSITION.




FIRST PLACE IN THE ORAL AND POSTER PRESENTATION EXPOSITION.

Prostate Cancer Cell Sensitization


I was able to experience a variety of new things during my time in the ReTOOL program. I worked in Dr. Daaka's lab and learned several new techniques: one of which was how to "split" cells in a cell culture. I worked along side Prabir Chakraborty and

successfully completed a research project titled "G Protein-Coupled Receptor Kinase 5 Knockdown Sensitizes Prostate Cancer Cells to Docetaxel Treatment." I won first place in the oral and poster exposition. ReTOOL also exposed me to

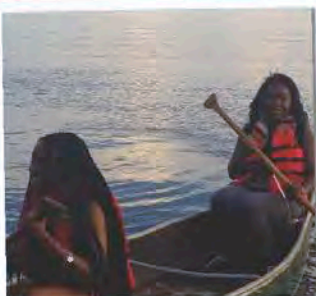
community outreach. I was able to inform African American men about the risk factors associated with Prostate Cancer. Though the program was intense, I did find time to relax. Dr. O'Dell invited the other interns and me to go canoeing at his lake house.



COMMUNITY OUTREACH



CELL CULTURE IN THE LAB



DR. O'DELL'S LAKE HOUSE

EMBARCKING
ON A
JOURNEY

KNOWN AS
RESEARCH

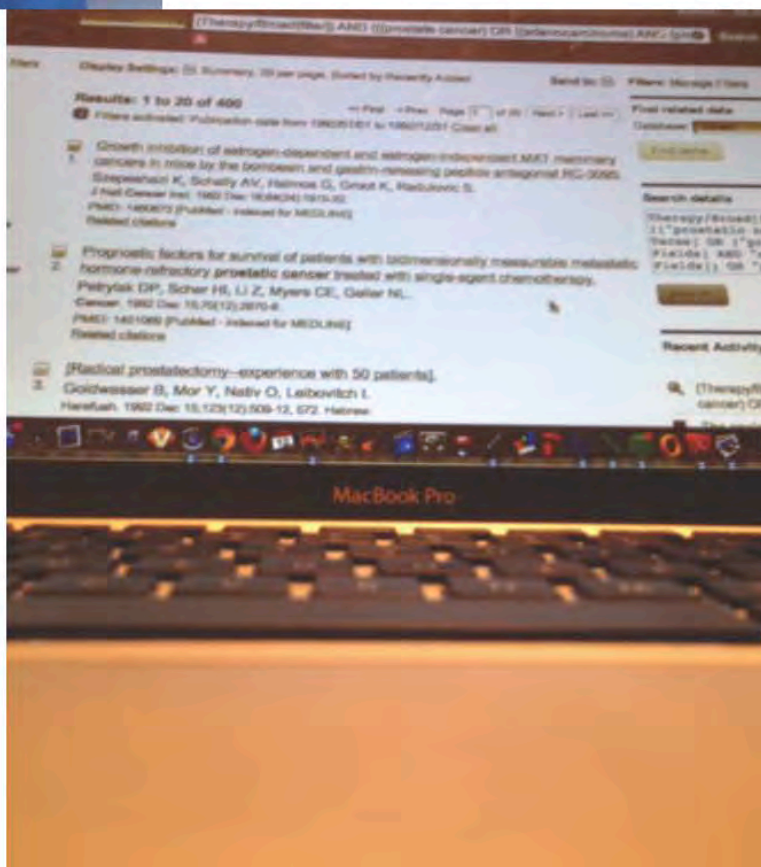


WHEN I FIRST ARRIVED IN
GAINESVILLE, I WAS VERY
EXCITED. THIS WAS MY
FIRST EXPERIENCE
CONDUCTING RESEARCH
AND I WAS VERY EAGER
TO LEARN AND CULTIVATE
NEW TALENTS.



I WAS UNSURE TO HOW
I WOULD NAVIGATE
THIS JOURNEY NOR DID
I KNOW THE TOOLS I
WOULD NEED. YET I
HAD THE TENACITY TO
CONTINUE AND MAKE
THE FIRST STEP.

YET TO MY SURPRISE
MY JOURNEY BEGAN
WITH A STROKE OF
THE KEYS. I WOULD
SEARCH MULTIPLE
DATABASES AND
MAKE NUMEROUS
TRIPS TO THE
LIBRARY AS I BEGAN
A LITERATURE
REVIEW.



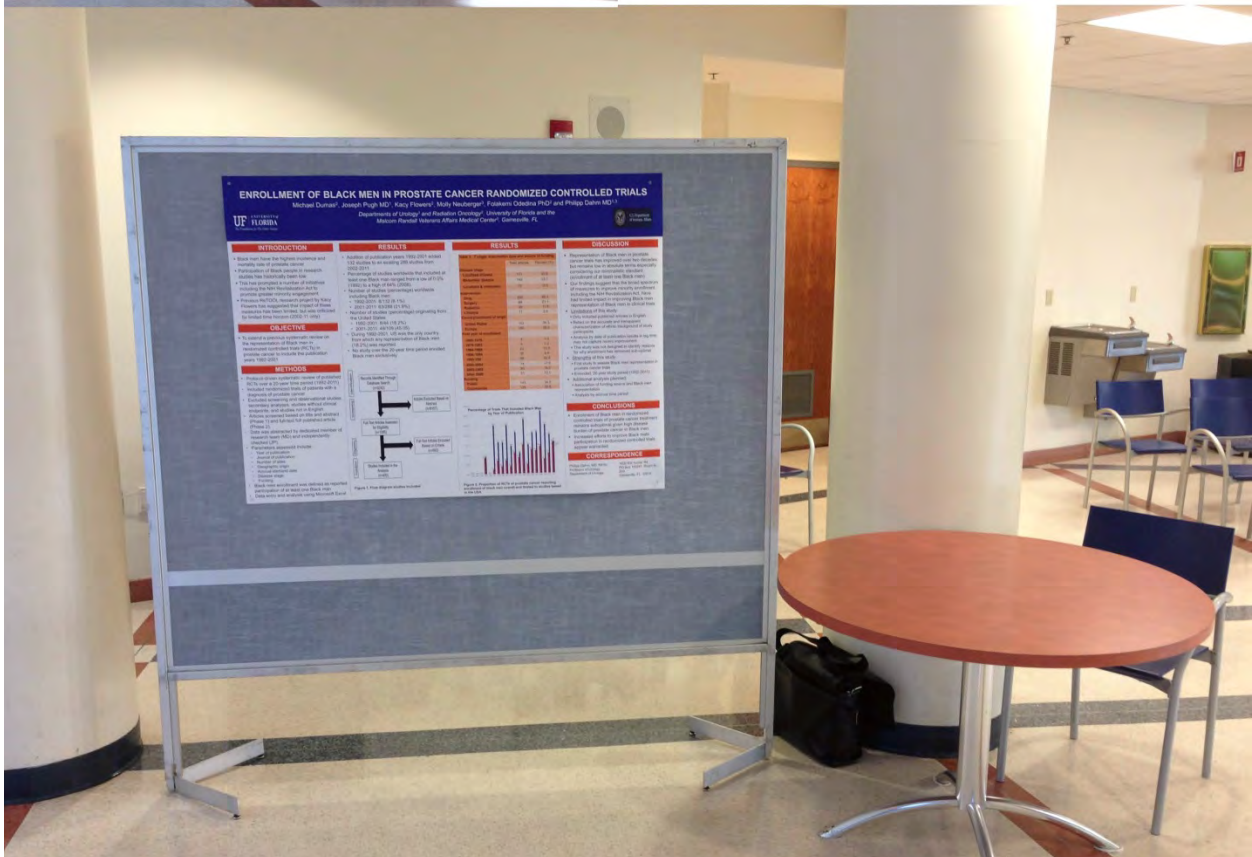


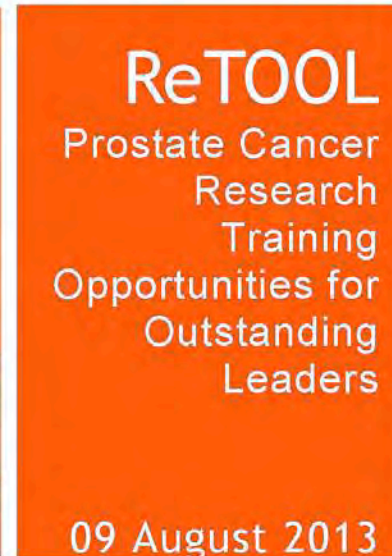
IN ADDITION TO THE TIME I DEVOTED TO MY RESEARCH, I ALSO JOINED THE RETOOL TEAM. WE WENT TO MULTIPLE HEALTH SUMMITS. WE ASSISTED IN DATA COLLECTION AND DATA ENTRY THAT WOULD BE USED TO ASSESS THE IMPACT OF THESE SUMMITS. EVEN TAKING TIME TO VISIT HEALTHSTREET A FEW TIMES TO LEARN EVERY STEP OF RESEARCH, FROM CLINICAL TRIAL TO LITERATURE REVIEW.



AFTER A JOYOUS
SUMMER OF
EXPLORATION. I WAS
EAGER TO SHARE THE
FINDINGS OF MY
RESEARCH WITH
OTHERS. UNTIL THE
NEXT VOYAGE.

- MICHAEL DUMAS





The Readability of Patient Education Material Regarding Prostate Cancer

by DeCoria McCauley



Dr. Nancy Hardt (my mentor) and I

UF College of Medicine



Mobile Outreach Clinic
Distributing my surveys and patient education material on the Mobile Outreach Clinic.

Poster Display

This was the usual set up of my booth. I used this poster at all the events I went to. I had crackers, cookies, candy, and juice as incentives.



You will learn to savor words and language... We don't read and write poetry because it's cute. We read and write poetry because we are members of the human race. And the human race is filled with passion... The powerful play goes on and you may contribute a verse. What will your verse be?

—Prof John Keating
in *Dead Poets Society*

(Taken from a display case in the College of Medicine)



Data Collection for my project Prostate Cancer Knowledge Myths and Misconceptions among Haitian Men began June 15th, 2013 in Orlando Florida. As a team we worked together to begin a successful study. This is the first study ever focusing on myths and misconceptions among Haitian Men.



I was so proud of myself breaking out of my shell and collecting data for the first time in my life. The men were very friendly and loved the free T-shirts they received. It was the beginning to a great start for me.



Thank you so much ReTOOL for everything that I have learned in such a short time. The experience was phenomenal and one that I can never forget. The students and I will forever be linked thanks to this experience. Dr. Odedina can not be thanked enough for being an amazing mentor. I am so grateful to have met her as well as everyone as at ReTOOL.

Photo Voice: Olivia Moline

Reaching out into the nearest community is one of the best ways to accomplish any goal and experience the joys of networking!



Before I could begin to reduce African American health disparities in prostate cancer, people in my nearest community, the faculty and students of the University of Florida Health, were gracious enough to give me more than a helping hand in every aspect of my ReTOOL project. It is only fair to acknowledge and thank the many people who reached out to me and helped lift me up, without whom, this project would have been impossible. ~Allika Williams

(Clockwise: Dr. Long, IRB-02 Coordinator; Dr. Hardt, Health Disparities Professor; Dr. Reams and Dr. Odedina, ReTOOL Coordinators; Dr. O'Dell, my Mentor)





The ReTOOL research took place at The Black Men's Health and Wellness Expo Health Summit in Orlando, Saturday, June 15th, 2013.

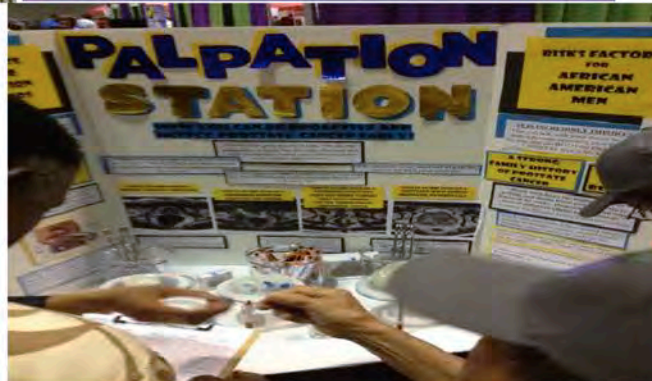
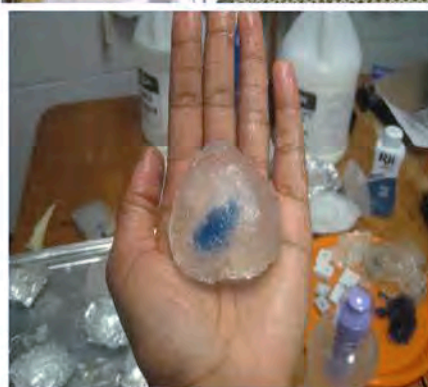


The Methodology of my experiment included three steps:

Step 1: In the intervention arm of the study, the prostate phantoms were shown to participants.

Step 2: Following the tangible experience of the prostate phantoms, participants filled out a survey

Step 3: In an hour, the prostate phantoms were placed out of sight, allowing participants to be informed of the purpose of prostate cancer screening, *without the prostate phantom demonstrations.*

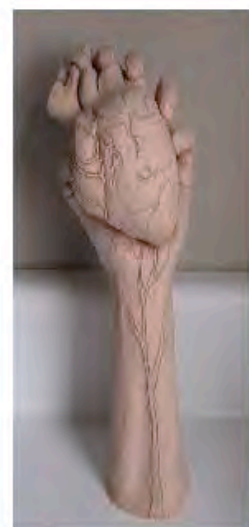


Dr. Didier Rajon creates the molds for the prostate phantoms using contour coordinates of real prostates and a three-dimensional (3-D) printer.

MULTI-DIMENSIONAL MINDS

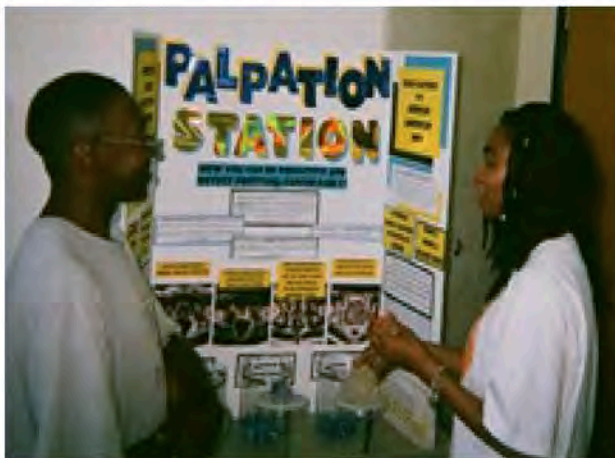


Dr. Rajon creates molds and hard models of vertebrae for doctors to practice spinal surgery on. The results of using a 3-D printer are incredibly lifelike and rival my own artistic creations in believability. Dr. O'Dell and I could not be more amazed with the outcome and the realistic quality the polyvinyl chloride prostate phantoms and their tumors!





ReTOOL Interns spread the gospel of Prostate Cancer Awareness throughout Alachua County: on the UF Shands Mobile Clinic, HealthStreet, and the Downtown Library.



Community outreach is about helping other people regardless of what small amount you feel you can offer them based on their age, race, or social standing or what they can offer you in return. I plan to utilize health disparities class and use Maslow's Hierarchy of Needs to prevent chronic diseases and reduce the death rates of the people living in my birth town, Waco, Texas.

Top to Bottom: Sensory Lab; "Palpation Station" at HealthStreet; HealthStreet with Ms. Graham; Men's Information at the Downtown Library.



APPENDIX X
ReTOOL Program Student Baseline Survey

Participant Information.	
ReTOOL Survey type (check one)	<input type="checkbox"/> Y1 Baseline data (May) <input type="checkbox"/> Y1 Follow up (Nov) <input type="checkbox"/> Y2 May Follow up <input type="checkbox"/> Y2 Nov Follow up <input type="checkbox"/> Y3 May Follow up <input type="checkbox"/> Y3 Nov Follow up <input type="checkbox"/> Y4 May Follow up <input type="checkbox"/> Y4 Nov Follow up <input type="checkbox"/> Y5 May Follow up <input type="checkbox"/> Y5 Nov Follow up
Survey ID	
Date	
Name of interviewer	
Number of calls (check each time organization was contacted)	1 2 3 4 5 6 7 8 9 10

Hello, my name is (FULL NAME) and I'm a research assistant calling on behalf of the University of Florida ReTOOL program. I understand that you have been accepted to participate in the ReTOOL summer program beginning in May. We are contacting you to get some baseline information from you in order to document the effectiveness of the ReTOOL program.

Is this a good time for you? **(IF YES, CONTINUE. IF NO, SCHEDULE A CALL BACK TIME.)**

ONCE CONFIRMED: (Read the following carefully to the participant)

As you are aware, the ReTOOL program is a prostate cancer research training program for minority students at Florida A&M University (FAMU). To evaluate the effectiveness of the program, the UF Survey Research Center (UFSRC) will track trainees through bi-annual surveys for five years after participation in the program to determine their career progress. Today, we just want to get some background information from you to assist us with the future evaluations.

Do you have any questions for me about this survey? **(IF NO, CONTINUE. IF YES, ANSWER THE QUESTIONS.)**

Section I – Background & Contact Information

My first series of questions is about your background and contact information.

What is your last name?	
What are your first and middle names?	
What is/are your current phone numbers?	
What is/are your email address(es)?	
What is your current address?	
What is your permanent address?	
Given that we will need to contact you in the future to continue to track how the ReTOOL program impacted your career; please provide phone numbers, e-mail addresses, and/or home addresses that are best contacts to reach you within the next year.	
What is your racial background? (check one)	<input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian (e.g. Indian, Japanese, Chinese) <input type="checkbox"/> White/Caucasian _____ <input type="checkbox"/> Other (please specify) _____
Are you Hispanic, Latino or of Spanish origin? (check one)	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is your gender? (check one)	<input type="checkbox"/> Male <input type="checkbox"/> Female
How old are you?	

Section I – Academic Institution Information

My next series of questions is about your academic program and institution.

Which institution do you currently attend?	
What is your major?	
What is your minor?	
What is your academic department?	
Which college is your academic department located?	
What is your Academic Year (select one):	<input type="checkbox"/> Freshman <input type="checkbox"/> Sophomore <input type="checkbox"/> Junior <input type="checkbox"/> Senior <input type="checkbox"/> Masters level <input type="checkbox"/> PhD level <input type="checkbox"/> Medical school <input type="checkbox"/> Other professional School (state)
When is your anticipated graduation year?	

Section III – Research Interests & ReTOOL Program Information

Finally, the next series of questions is about your research interests.

Who is your primary mentor for the ReTOOL program?	
What is your area of research? (check one):	<input type="checkbox"/> Basic Sciences <input type="checkbox"/> Biomedical Sciences <input type="checkbox"/> Clinical Sciences <input type="checkbox"/> Population Sciences
At this time, what would you say are your research interests?	
At this time, what would you say is your career plan?	
What is your expectation for the ReTOOL program?	

Thank you for participating in this survey. Do you have anything else you would like to share with us about yourself or the ReTOOL program?

Thanks. END.

APPENDIX XI
ReTOOL Program Student Follow-up Survey

Participant Information.	
ReTOOL Survey type (check one)	<input type="checkbox"/> Y1 Baseline data (May) <input type="checkbox"/> Y1 Follow up (Nov) <input type="checkbox"/> Y2 May Follow up <input type="checkbox"/> Y2 Nov Follow up <input type="checkbox"/> Y3 May Follow up <input type="checkbox"/> Y3 Nov Follow up <input type="checkbox"/> Y4 May Follow up <input type="checkbox"/> Y4 Nov Follow up <input type="checkbox"/> Y5 May Follow up <input type="checkbox"/> Y5 Nov Follow up
Survey ID	
Date	
Name of interviewer	
Number of calls (check each time organization was contacted)	1 2 3 4 5 6 7 8 9 10

Hello, my name is (FULL NAME) and I'm a research assistant calling on behalf of the University of Florida ReTOOL program. I understand that you participated in the ReTOOL summer program in 20____ (state year). We are contacting you to get some information from you in order to document the effectiveness of the ReTOOL program.

Is this a good time for you? **(IF YES, CONTINUE. IF NO, SCHEDULE A CALL BACK TIME.)**

ONCE CONFIRMED: (Read the following carefully to the participant)

As you are aware, the ReTOOL program is a prostate cancer research training program for minority students at Florida A&M University (FAMU). To evaluate the effectiveness of the program, the UF Survey Research Center (UFSRC) will track the ReTOOL program participants through bi-annual surveys for five years after participation in the program to determine their career progress. Today, we will be asking you questions about your career and your feedback about the ReTOOL program.

Do you have any questions for me about this survey? **(IF NO, CONTINUE. IF YES, ANSWER THE QUESTIONS.)**

Section I – Background & Contact Information

My first series of questions is to reconfirm your background and contact information.

What is your last name?	
What are your first and middle names?	
What is/are your current phone numbers?	
What is/are your email address(es)?	
What is your current address?	
What is your permanent address?	
Given that we will need to contact you in the future to continue to track how the ReTOOL program impacted your career; please provide phone numbers, e-mail addresses, and/or home addresses that are best contacts to reach you within the next year.	
What is your racial background? (check one)	<input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian (e.g. Indian, Japanese, Chinese) <input type="checkbox"/> White/Caucasian____ <input type="checkbox"/> Other (please specify) _____
Are you Hispanic, Latino or of Spanish origin? (check one)	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is your gender? (check one)	<input type="checkbox"/> Male <input type="checkbox"/> Female
How old are you?	

Section II – Academic Institution Information

My next series of questions is about your academic background.

Are you currently enrolled in school as undergraduate, professional or graduate students?	
<input type="checkbox"/> Yes (If yes, continue with the questions below) <input type="checkbox"/> No (If No, go to Section III)	
Which institution do you currently attend?	
What is your major?	
What is your minor?	
What is your academic department?	
Which college is your academic department located?	
What is your Academic Year (select one):	<input type="checkbox"/> Freshman <input type="checkbox"/> Sophomore <input type="checkbox"/> Junior <input type="checkbox"/> Senior <input type="checkbox"/> Masters level <input type="checkbox"/> PhD level <input type="checkbox"/> Medical school <input type="checkbox"/> Other professional School (state)
When is your anticipated graduation year?	

Section III – Employment information

Are you currently employed?	
<input type="checkbox"/> Yes (If yes, continue with the questions below) <input type="checkbox"/> No (If No, go to Section IV)	
Where are you employed?	
What is your job title and/or position?	
Please provide your work phone number, email address and business address.	

Does your job involve research and if yes, what type of research?	
Does your job involve health care, and if yes, what type of health care service?	

Section IV – Research Careers & Scholarly Activities

The next series of questions is about your research interests.

At this time, what would you say are your research interests?	
What is your area of research? (check one):	<input type="checkbox"/> Basic Sciences <input type="checkbox"/> Biomedical Sciences <input type="checkbox"/> Clinical Sciences <input type="checkbox"/> Population Sciences <input type="checkbox"/> None, not interested in research
At this time, what would you say is your career plan?	
What are some of your scholarly achievements since your participation in the ReTOOL program? (check all that apply and complete relevant questions)	
<input type="checkbox"/> Now attending / attended graduate school <ul style="list-style-type: none"> • Institution _____ • Department & Degree _____ • Specialized Area _____ • Graduation Year _____ 	
<input type="checkbox"/> Now attending / attended medical school <ul style="list-style-type: none"> • Institution _____ • Specialized Area _____ • Graduation Year _____ 	
<input type="checkbox"/> Focused interest in prostate cancer.	
<input type="checkbox"/> Focused interest in cancer.	
<input type="checkbox"/> Presented at national/international conferences (list below)	

<input type="checkbox"/> Published in peer-review publications (list below)	
<input type="checkbox"/> Received awards for my work (list below)	
<input type="checkbox"/> New appointments or leadership initiatives (list below)	
What are some other scholarly activities that you think you have achieved since your participation in the ReTOOL project?	

Section IV – ReTOOL Program Evaluation

On a scale of 1 – 5, with 5 being the best, please state your overall evaluation of the following components of the ReTOOL program.

	1	2	3	4	5
The preparatory courses provided during the program.					
The research training experiences provided by the program.					
Your interactions with your mentor.					
The quality of the mentoring experiences.					
Overall satisfaction with the training program.					
The quality of the training program.					
The ability of the program to prepare me for career in the area of prostate cancer.					
Communications with ReTOOL program mentor, director or staff.					

Which of the following ReTOOL program personnel do you still communicate with?

- ☐ UF Program Director, Dr. Folakemi Odedina
- ☐ FAMU Faculty Advisor, Dr. Renee Reams
- ☐ UF ReTOOL Program Manager or Staff (state name _____)
- ☐ My mentor (state name _____)
- ☐ Other (state name _____)

What did you like least about the ReTOOL program and why?

What did you like best about the ReTOOL program and why?

In your own words, please state how the ReTOOL program has impacted your career.

Thank you for participating in this survey. Do you have anything else you would like to share with us about yourself or the ReTOOL program?

Thanks. END

APPENDIX XII

Participant Information.	
34 ReTOOL Survey type (check one)	<input type="checkbox"/> Y1 Baseline data (May) <input type="checkbox"/> Y2 May Follow up <input type="checkbox"/> Y3 May Follow up <input type="checkbox"/> Y4 May Follow up <input type="checkbox"/> Y5 May Follow up
Survey ID	
Date	
Name of interviewer	
Number of calls (check each time organization was contacted)	1 2 3 4 5 6 7 8 9 10

Hello, my name is (FULL NAME) and I'm a research assistant calling on behalf of the University of Florida ReTOOL program. We are contacting you because you are one of the mentors for the ReTOOL program students. We are doing a follow-up survey to document the effectiveness of the ReTOOL program.

Is this a good time for you? **(IF YES, CONTINUE. IF NO, SCHEDULE A CALL BACK TIME.)**

ONCE CONFIRMED: (Read the following carefully to the participant)

As you are aware, the ReTOOL program is a prostate cancer research training program for minority students at Florida A&M University (FAMU). To evaluate the effectiveness of the program, the UF Survey Research Center (UFSRC) will survey mentors annually for five years, from 2012 to 2017. Today, we will be asking you general questions about your experiences as a mentor for the ReTOOL program.

Do you have any questions for me about this survey? **(IF NO, CONTINUE. IF YES, ANSWER THE QUESTIONS.)**

Section I – Background & Contact Information

My first series of questions is to reconfirm your background and contact information.

Confirm mentor's name	
What is/are your current phone numbers?	
What is/are your email address(es)?	
Given that we will need to contact you in the future to continue to track the effectiveness of the ReTOOL program; please provide phone numbers, e-mail addresses, and/or addresses that are best contacts to reach you within the next year.	
What is your racial background? (check one)	<input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian (e.g. Indian, Japanese, Chinese) <input type="checkbox"/> White/ Caucasian _____ <input type="checkbox"/> Other (please specify) _____
Are you Hispanic, Latino or of Spanish origin? (check one)	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is your gender? (check one)	<input type="checkbox"/> Male <input type="checkbox"/> Female

My next series of questions is about your academic institution and research interests.

Current employer?	
What are your academic department and college?	
What is your current work address?	
What is your Academic Title:	<input type="checkbox"/> Assistant Professor <input type="checkbox"/> Associate Professor <input type="checkbox"/> Full Professor

	<input type="checkbox"/> Other (state)
What is your area of research? (check one):	<input type="checkbox"/> Basic Sciences <input type="checkbox"/> Biomedical Sciences <input type="checkbox"/> Clinical Sciences <input type="checkbox"/> Population Sciences
Please provide us with key words for your area of expertise.	

Section III – The ReTOOL Program Information

The next series of questions is about the ReTOOL program.

Were you assigned a mentee for this year's ReTOOL program?	
<input type="checkbox"/> Yes (If yes, continue with the questions below)	
<input type="checkbox"/> No (If No, go to Section IV)	
Who is your primary mentee for this year's ReTOOL program?	
Were you involved in the selection of your mentee?	<input type="checkbox"/> Yes <input type="checkbox"/> No
What is your expectation for this mentee?	
What is your expectation for the ReTOOL program?	

Section IV – Research Careers & Scholarly Activities

The next series of questions is about your experiences with your previous mentee(s)

Not counting your current ReTOOL student, how many students have you mentored under the ReTOOL program? What are their names?	
--	--

Do you know where your previous ReTOOL mentee(s) are, i.e. their academic program or employment? <input type="checkbox"/> Yes (please state) <input type="checkbox"/> No	
What are some of the scholarly collaborations you had with your ReTOOL mentee(s)? (check all that apply and complete relevant questions)	
<input type="checkbox"/> Presented at national/international conferences (list below) <input type="checkbox"/> Published in peer-review publications (list below) <input type="checkbox"/> Received awards for our work (list below) <input type="checkbox"/> New appointments or leadership initiatives due to our work (list below) <input type="checkbox"/> Other scholarly accomplishments (list below)	

Section IV – ReTOOL Program Evaluation

On a scale of 1 – 5, with 5 being the best, please state your overall evaluation of the following components of the ReTOOL program.

	1	2	3	4	5
The preparatory courses provided to students during the program.					

The research training experiences provided to the students.					
Your interactions with your mentee(s).					
The quality of the mentor-mentee relationship.					
Overall satisfaction with your mentee(s).					
The quality of the training program.					
The ability of the program to prepare my mentee(s) for career in the area of prostate cancer.					
Communications with my mentee(s).					

Please list your ReTOOL mentee(s) that you still communicate with?

What did you like least about the ReTOOL program and why?

What did you like best about the ReTOOL program and why?

In your own words, please state how the ReTOOL program has impacted your career as a scientist.

Thank you for participating in this survey. Do you have anything else you would like to share with us about yourself or the ReTOOL program?

Thanks. END.